An aerial photograph of a large auto salvage and auction yard. The yard is filled with hundreds of cars, mostly in shades of blue, red, and white, parked in neat rows. Several large white buildings are scattered throughout the yard. To the left of the yard is a dark river or canal, and to the right is a multi-lane highway. In the background, there are green fields and some residential or commercial buildings.

Case Study: Auto Salvage & Auction Yard

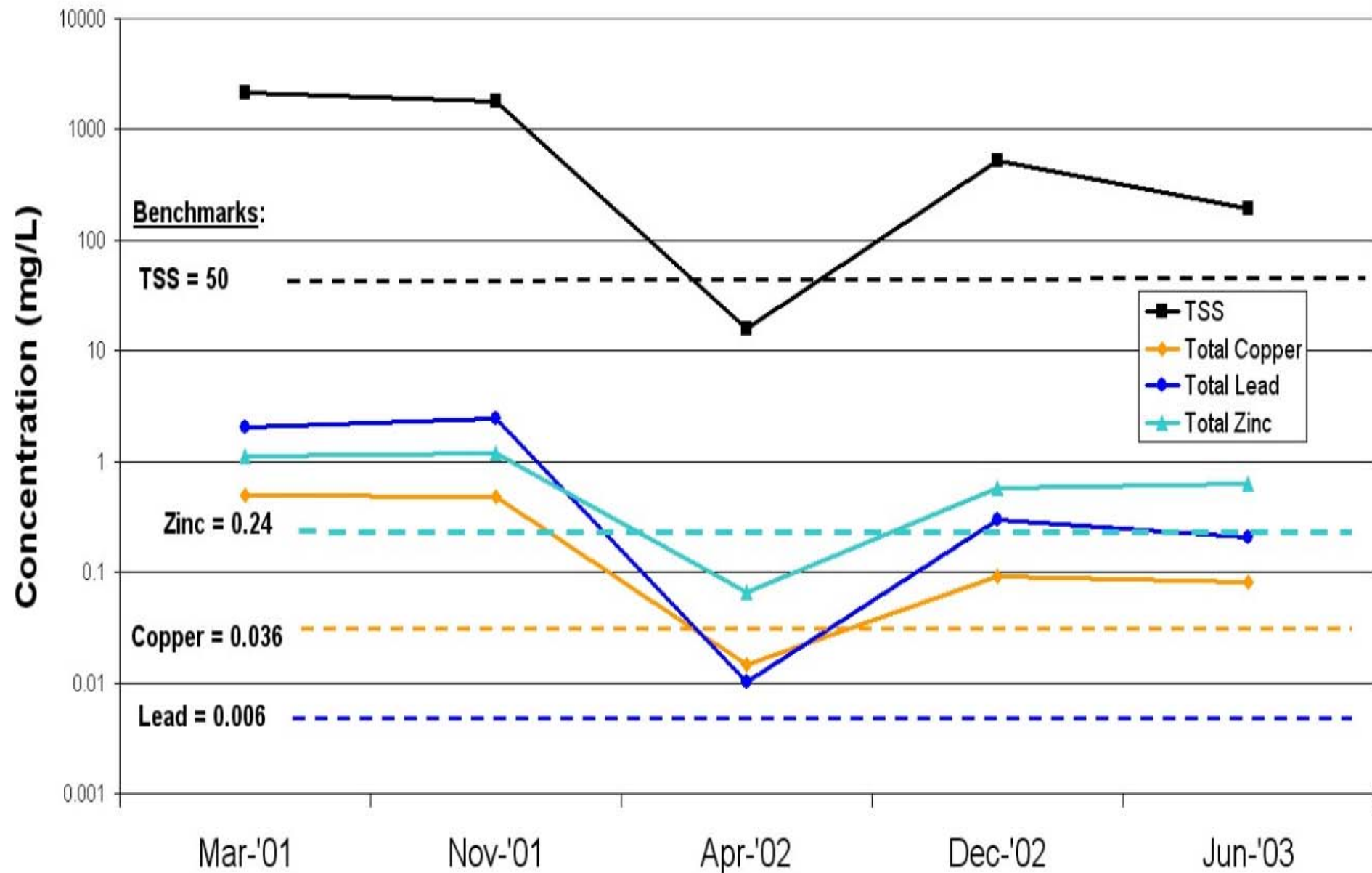
Stormwater Monitoring & Benchmarks Concentrations - Columbia Slough Permit

Parameter	Benchmark	Sample Collection Frequency
Total Copper	0.036 mg/l	Twice per Year
Total Lead	0.006 mg/l	Twice per Year
Total Zinc	0.24 mg/l	Twice per Year
pH	6.5-8.5 S.U.	Twice per Year
Total Suspended Solids (TSS)	50 mg/l	Twice per Year
Oil & Grease	10 mg/l	Twice per Year
E. Coli	406 counts/100 ml	Twice per Year
BOD ₅	33 mg/l	Twice per Year
Total Phosphorous	0.16 mg/l	Twice per Year
Temperature	Report	Once per Month
Floating Solids (associated with industrial activities)	No Visible Discharge	Monthly Visual Observation
Oil & Grease Sheen	No Visible Sheen	Monthly Visual Observation

Site Area Photo



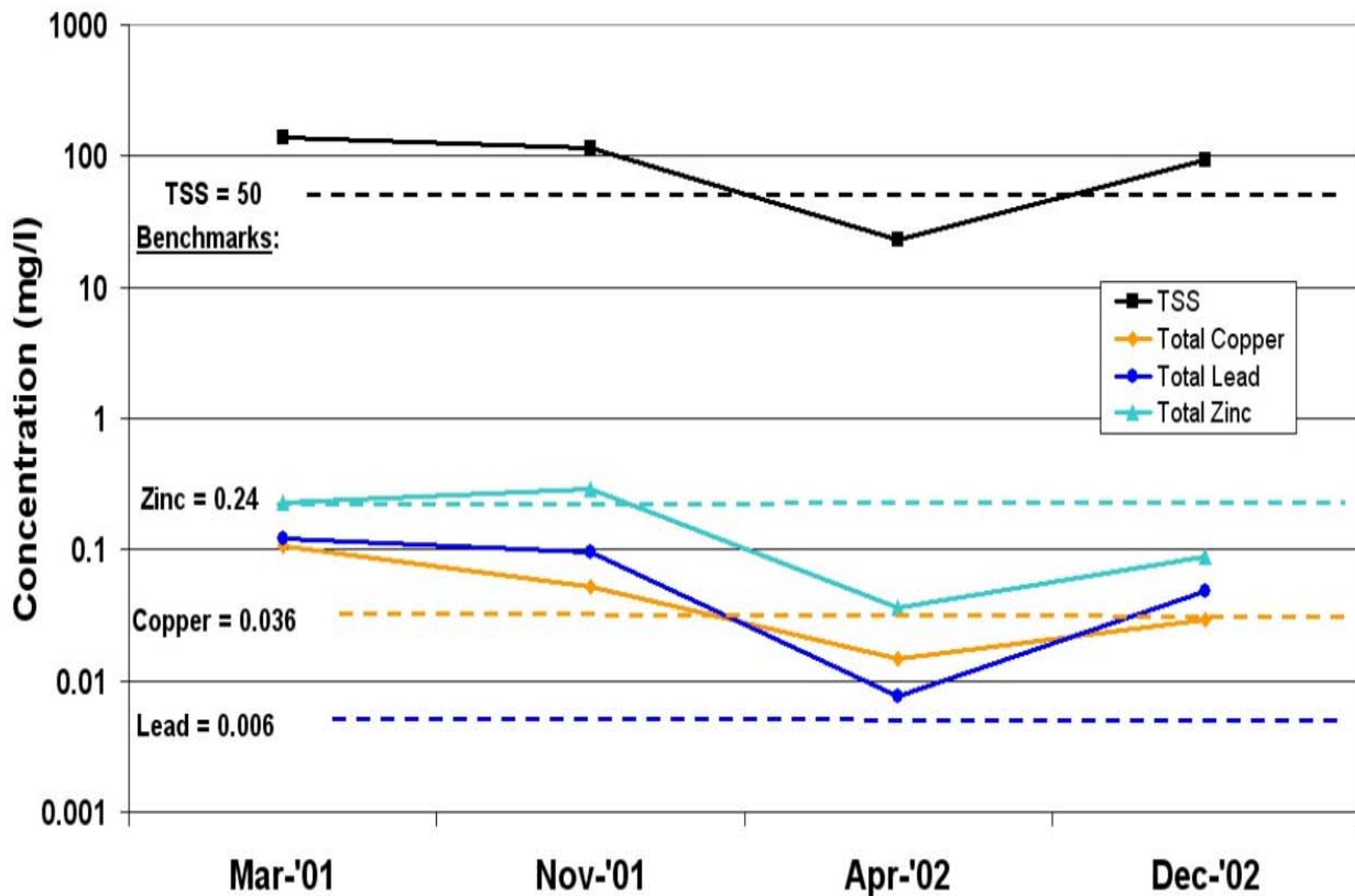
Catch Basin #1



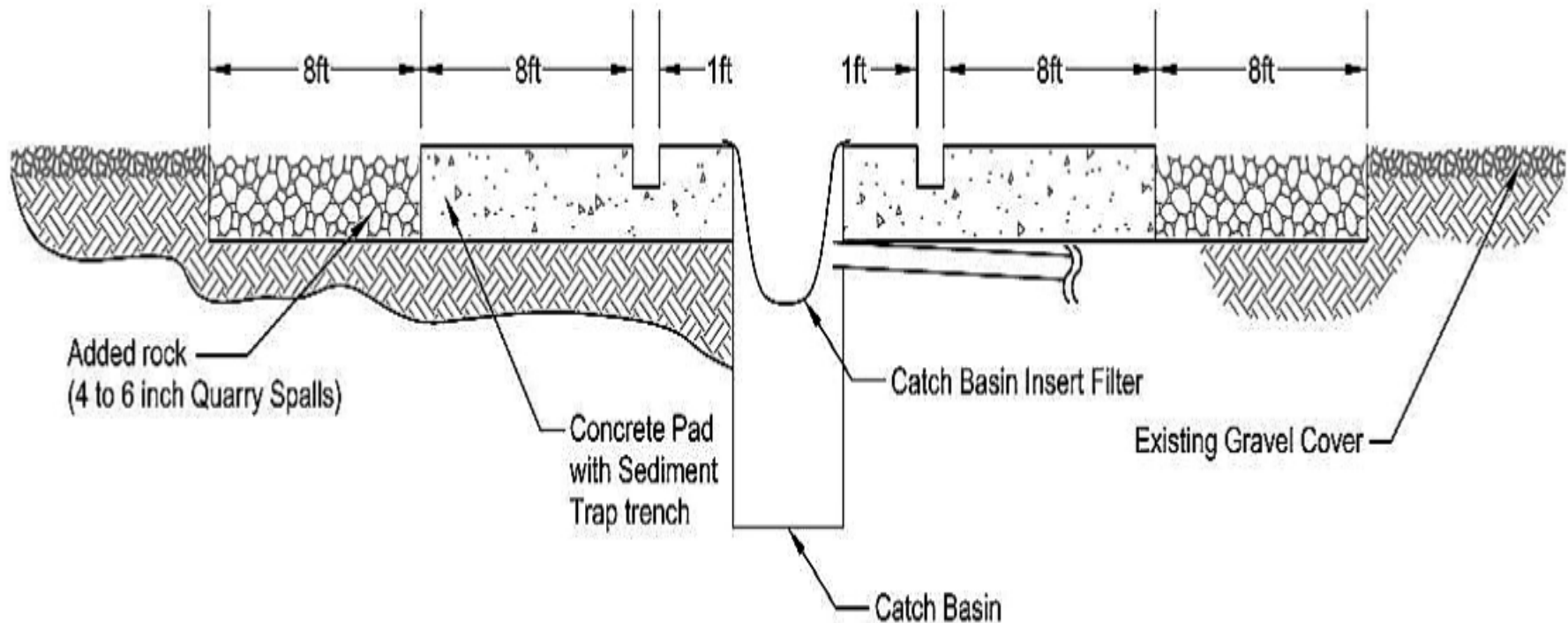
Catch Basin



Catch Basin #5



Catch Basin Area Improvements



Not to Scale

Reduction of Contaminants by BMPs

BMP:	Paving	Sediment		Remaining
	CB #1	CB #3 and #5		Dissolved
Parameter	Average % Reduction			
TSS	99.2%	70%		- - -
Total Copper	97%	94%		63%
Total Lead	99.5%	92%		0%
Total Zinc	94%	72%		55%